

ABSTRACT OF THE DISCLOSURE

Provided is a surgical observational system capable of effectively displaying, in the field of an operating microscope, a real-time image obtained by means of an ultrasonic probe, for example, and a slice image obtained by a preoperative diagnosis on the location of the distal end portion of the probe or a three-dimensional image of an affected region, in association with an actual observational image obtained by means of the microscope. The surgical operation observational system is provided with two monitors in the operating microscope for the observation of the affected region to be operated. Images on the two monitors are alternatively superposed on the optical path of the operating microscope.